

A B S T R A C T

A hard precious metal alloy member is constituted of a gold alloy, which has a gold Au content of from 37.50 to 98.45 wt%, and contains a hardening additive in a range of not less than 50 ppm but less than 15,000 ppm, wherein the hardening additive is constituted of gadolinium Gd only, or gadolinium Gd and at least one element selected from the group consisting of rare-earth elements other than Gd, alkaline-earth elements, silicon Si, aluminum Al, and boron B.

204050-28206004

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